

**AMENDMENTS TO THE CLAIMS**

Please amend the Claims as follows. Insertions are shown underlined while deletions are ~~struck through~~.

1 (currently amended): A therapeutic agent for treating an inflammatory bowel disease comprising as an active ingredient at least one polypeptide belonging to a thioredoxin superfamily and a pharmaceutically acceptable carrier.

2 (original): The therapeutic agent according to Claim 1 for treating an inflammatory bowel disease, the inflammatory bowel disease being ulcerative colitis or Crohn's disease.

3 (original): The therapeutic agent according to Claim 1, wherein the at least one polypeptide belonging to the thioredoxin superfamily is human thioredoxin.

4 (currently amended): A method for treating ~~the~~an inflammatory bowel disease, wherein the inflammatory bowel disease ~~being~~is ulcerative colitis or Crohn's disease, ~~the~~said method comprising administering an effective amount of polypeptide belonging to a thioredoxin superfamily to a patient in need of the inflammatory bowel disease treatment.

5 (currently amended): The method according to Claim ~~5~~4, wherein the effective amount is ~~comprising administering~~ 1-100 mg of thioredoxin per kg body weight of ~~an~~a human adult.

6 (new): The therapeutic agent according to Claim 1, wherein the thioredoxin superfamily is an isolated peptide having thioredoxin (TRX) activity and including the sequence -Cys-Gly-Pro-Cys- (SEQ ID NO:1).

7 (new): The therapeutic agent according to Claim 1, wherein the thioredoxin superfamily is in reduced form.

8 (new): The therapeutic agent according to Claim 1, which is in the form of solution or suspension.

9 (new): The method according to Claim 4, wherein the thioredoxin superfamily is an isolated peptide having thioredoxin (TRX) activity and including the sequence -Cys-Gly-Pro-Cys- (SEQ ID NO:1).

10 (new): The method according to Claim 4, wherein the thioredoxin superfamily is in reduced form.

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11 (new): The method according to Claim 4, which is in the form of solution or suspension.